

Claims

What is claimed is:

1. In a wireless-controlled lighting system including a control master and a group of lighting units, all communicating via commonly-received wireless transmissions, a method of

5 associating said group of lighting units, each having a unique identification code, with respective control elements of a remote control, said method comprising:

a . each of the lighting units transmitting a modulated light signal carrying the respective identification code;

b . positioning the remote control at a location where it receives the modulated light  
10 signal from only one of the lighting units;

c . activating a selected one of the control elements of the remote control to associate said control element with the lighting unit transmitting the modulated light signal being received;

d . transmitting from the remote control to the control master a signal identifying the unique identification code for the lighting unit and the control element with which  
15 said lighting unit has been associated;

e . repeating each of steps b through d for each of the remaining lighting units in the group.

2. A method as in claim 1 where each lighting unit in the group includes an adaptable device  
20 which selectively operates as either a control master device or a slave device.

3. A method as in claim 2 where the remote control selects one of the adaptable devices to operate as the control master for the group of lighting units.

4. A method as in claim 1 where the unique identification code is pre-assigned.

5. A method as in claim 1 where the unique identification code is determined at the time of  
25 association of the control element with the respective lighting unit.

6. A method as in claim 1 where each of the lighting units transmits the modulated light signal for a predetermined period after said lighting unit is powered up.
7. A method as in claim 1 where the modulated light signal comprises light emitted by the lighting unit for illumination.
- 5 8. A method as in claim 1 where the selected control element comprises a button on the remote control.
9. A method as in claim 1 where the selected control element comprises a symbol on a touch screen of the remote control.
10. A method as in claim 1 where the selected control element comprises a sound produced by a user.
11. A method of configuring a wireless-controlled lighting system including a group of lighting units, each having a unique identification code, and a remote control, all communicating via commonly-received wireless transmissions, said method comprising:
  - a. emission by each of the lighting units of a modulated light signal carrying the respective identification code;
  - b. positioning of the remote control at a location where it receives the modulated light signal from only one of the lighting units;
  - c. activation of a selected one of a plurality of control elements of the remote control to associate said selected control element with the lighting unit transmitting the modulated light signal being received;
  - d. transmission from the remote control to a control master for the system of a signal identifying the unique identification code for the lighting unit and the control element with which said lighting unit has been associated;
  - e. repeating each of steps b through d for each of the remaining lighting units in the group.

12. A method as in claim 11 where each lighting unit in the group includes an adaptable device which selectively operates as either a control master device or a slave device.
13. A method as in claim 12 where the remote control selects one of the adaptable devices to operate as the control master for the group of lighting units.
- 5     14. A method as in claim 11 where the unique identification code is preassigned.
15. A method as in claim 11 where the unique identification code is determined at the time of association of the control element with the respective lighting unit.
16. A method as in claim 11 where each of the lighting units transmits the modulated light signal for a predetermined period after said lighting unit is powered up.
- 10    17. A method as in claim 11 where the modulated light signal comprises light emitted by the lighting unit for illumination.
18. A method as in claim 11 where the selected control element comprises a button on the remote control.
19. A method as in claim 11 where the selected control element comprises a symbol on a touch screen of the remote control.
- 15    20. A method as in claim 11 where the selected control element comprises a sound produced by a user.